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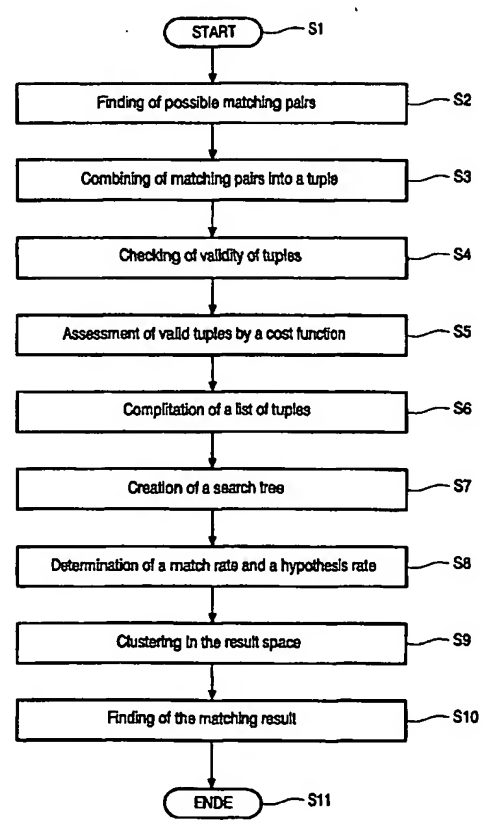
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PROPERTY & STANDARDS GMBH [DE/DE]; Stein-
damm 94, 20099 Hamburg (DE).</p> <p>(71) Applicant (for all designated States except DE, US):
KONINKLIJKE PHILIPS ELECTRONICS N.V.</p> | <p>(72) Inventors; and
(75) Inventors/Applicants (for US only): ECKERT, Gerald
[DE/DE]; c/o Philips Intellectual Property & Standards
GmbH, Weissshausstr. 2, 52066 Aachen (DE). MÜLLER,
Sönke [DE/DE]; c/o Philips Intellectual Property &
Standards GmbH, Weissshausstr. 2, 52066 Aachen (DE).
BÜCKNER, Jürgen [DE/DE]; c/o Philips Intellectual
Property & Standards GmbH, Weissshausstr. 2, 52066
Aachen (DE). PAHL, Martin [DE/DE]; c/o Philips In-
tellectual Property & Standards GmbH, Weissshausstr. 2,
52066 Aachen (DE).</p> <p>(74) Agent: VOLMER, Georg; Philips Intellectual Property &
Standards GmbH, Weissshausstr. 2, 52066 Aachen (DE).</p> <p>(81) Designated States (national): AE, AG, AL, AM, AT, AU,
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(54) Title: METHOD, DEVICE AND COMPUTER PROGRAM FOR DETECTING POINT CORRESPONDENCES IN SETS OF POINTS



(57) Abstract: A method, device and computer program for detecting point correspondences in sets of points and in particular for fingerprint verification. Points of note on fingerprint lines in a scanned fingerprint are compared with corresponding points of note on fingerprint lines in a reference fingerprint and matching pairs are formed from possible corresponding points of note in the scanned fingerprint and the reference fingerprint. A maximum number of such matching pairs is found. This allows an efficient method to be specified, for fingerprint verification for example, that requires only a small amount of working memory and computing power.

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